

Dr. Barbara A. Wilson
Jet Propulsion Laboratory



EDUCATION

University of Wisconsin-Madison
Ph.D., Physics (Minor in Education)
Mount Holyoke College, MA
B.A. Physics, *summa cum laude*

EXPERIENCE

Jet Propulsion Laboratory
Chief Technologist, Exploration Systems Technology Office, 2004 - Present
JPL Chief Technologist, and Director, Center for Space Microelectronics Technology, 1999 - 2001
Program Manager, Advanced Earth Instruments, 1996 - 1999
Deputy Program Manager, NASA New Millennium Program, 1994 - 1996
Manager, Microdevices Section, and Manager, Microdevices Lab, 1991 - 1995
Supervisor, Photonics, IR & Submillimeter-Wave Detectors Groups, 1988 - 1991
NASA
Element Program Manager, Advanced Space Technology, 2004 - 2005
United States Air Force Research Laboratory
Chief Technologist, 2001 - 2003
AT&T Bell Labs
Supervisor, Optoelectronic Materials Research Group, 1986 - 1988
Member of Technical Staff, Physical Sciences Basic Research, 1978 - 1986

AREAS OF EXPERTISE

Space technologies, sensors, quantum structures.

PROFESSIONAL/SCIENTIFIC/HONORARY AFFILIATIONS

Member, International Academy of Astronautics; Honorary Doctorate degree, Mount Holyoke College; Fellow and former General Councilor and Executive Board Member, American Physical Society; Senior Member, IEEE; NASA Exceptional Achievement Award; NASA Special Achievement Medal; JPL Exceptional Achievement Award; AT&T Bell Laboratories Exceptional Contribution Award; NRC panel member; ARL Sensor & Electron Devices Board.